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Attachment to Z-15201/82

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NPIC/IEG(4/82)

16 APRIL 1982

**NEW PROBABLE WIND TUNNEL FACILITY  
BANGALORE PROBABLE AEROSPACE R&D FACILITY, INDIA**

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1. (S/D) SIGNIFICANCE: A NEW PROBABLE WIND TUNNEL FACILITY, BANGALORE PROBABLE AEROSPACE R & D FACILITY, HAS BEEN IDENTIFIED ON THE OUTSKIRTS OF BANGALORE, INDIA, 3 NM NORTH-NORTHEAST OF BANGALORE AIRFIELD [REDACTED]

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2. (S/D) REMARKS: THE FACILITY, IN THE LATE STAGES OF CONSTRUCTION, CONSISTS OF TWO SEPARATE WALL-SECURED AREAS. THE IRREGULAR-SHAPED EASTERN AREA CONTAINS A TWO-BAY PROBABLE WIND TUNNEL BUILDING, A PROBABLE CONTROL BUILDING, TWO VACUUM SPHERES, TWO ADMINISTRATION/SECURITY BUILDINGS, FIVE SUPPORT BUILDINGS, A WATER TOWER, AND A SMALL TRANSFORMER. THE TRIANGULAR-SHAPED, WESTERN AREA CONTAINS A TWO-BAY PROBABLE WIND TUNNEL BUILDING, A COMPRESSOR BUILDING, TWO POSSIBLE VACUUM SPHERES WITH EXTERNAL RIBBING, TWO CYLINDRICAL PROBABLE PRESSURE TANKS, AND THREE SUPPORT BUILDINGS. A POSSIBLE WIND TUNNEL SEGMENT WAS ON THE GROUND BY THE DOUBLE-BAY WIND TUNNEL BUILDING IN THE EASTERN AREA.

(S/D) CONSTRUCTION IN THE EASTERN AREA BEGAN IN DECEMBER 1979. THE MAJOR BUILDINGS WERE EXTERNALLY COMPLETE AND THE SPHERES WERE NEARING COMPLETION IN FEBRUARY 1981. CONSTRUCTION IN THE WESTERN AREA BEGAN IN OCTOBER 1980, WHEN THE FOUNDATIONS FOR THE PROBABLE WIND TUNNEL BUILDING WERE IN PLACE. THE WALLS AND THE SUPPORT BEAMS FOR THE WIND TUNNEL BUILDING WERE BEING ERECTED IN FEBRUARY 1981.

(SNF/WNINTEL) BANGALORE IS INDIA'S MAJOR AEROSPACE R & D CENTER. RECENT COLLATERAL REPORTS INDICATE THAT INDIA IS INVOLVED IN THE DEVELOPMENT OF RAMJET TECHNOLOGY AND MAY BE

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CONSTRUCTING RELATED FACILITIES. THE WIND TUNNELS AT THIS FACILITY COULD POSSIBLY ACCOMMODATE RAMJET AIRFRAMES, ALTHOUGH NO SIGNS OF A RAMJET ENGINE TEST CELL WERE PRESENT.

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3. (S) [REDACTED] COORDINATES 12-59-40N 077-41-25E

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4. (SNF/WNINTEL) COLLATERAL REFERENCE CIA TD [REDACTED]  
9 MARCH 1982

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